36 C 1

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RAW SEQUENCE LISTING DATE: 04/01/2003
PATENT APPLICATION: **US/10/089,825** TIME: 12:45:51

Input Set : **N:\Crf4\04012003\J089825A.raw**
Output Set: **N:\CRF4\04012003\J089825.raw**

1 <110> APPLICANT: Teem, John L.
2 <120> TITLE OF INVENTION: Materials and Methods for Detecting Interaction of CFTR Polypeptides
3 <130> FILE REFERENCE: FSU-100C2XC1
C--> 4 **<140> CURRENT APPLICATION NUMBER: US/10/089,825**
5 <141> CURRENT FILING DATE: 2003-01-10
6 <150> PRIOR APPLICATION NUMBER: 60/157,996
7 <151> PRIOR FILING DATE: 1999-10-06
8 <150> PRIOR APPLICATION NUMBER: 60/181,892
9 <151> PRIOR FILING DATE: 2000-02-11
10 <150> PRIOR APPLICATION NUMBER: 60/182,373
11 <151> PRIOR FILING DATE: 2000-02-14
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99      ggcctcttgg gaagaactgg atcagggaag agtactttgt tatcagcttt tttgagacta 3780
100      ctgaacactg aaggagaaat ccagatcgat ggtgtgtctt gggattcaat aactttgcaa 3840
101      cagtggagga aagcctttgg agtgatacca cagaaagtat ttatttttc tggaacattt 3900
102      agaaaaaact tggatcccta tgaacagtgg agtgatcaag aaatatggaa agttgcagat 3960
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124                   20                  25                  30
125      Glu Leu Ser Asp Ile Tyr Gln Ile Pro Ser Val Asp Ser Ala Asp Asn
126              35                  40                  45
127      Leu Ser Glu Lys Leu Glu Arg Glu Trp Asp Arg Glu Leu Ala Ser Lys
128          50                  55                  60
129      Lys Asn Pro Lys Leu Ile Asn Ala Leu Arg Arg Cys Phe Phe Trp Arg
130      65                  70                  75                  80
131      Phe Met Phe Tyr Gly Ile Phe Leu Tyr Leu Gly Glu Val Thr Lys Ala
132                      85                  90                  95
133      Val Gln Pro Leu Leu Leu Gly Arg Ile Ile Ala Ser Tyr Asp Pro Asp
134                  100                 105                 110
135      Asn Lys Glu Glu Arg Ser Ile Ala Ile Tyr Leu Gly Ile Gly Leu Cys
136              115                 120                 125
137      Leu Leu Phe Ile Val Arg Thr Leu Leu Leu His Pro Ala Ile Phe Gly
138          130                 135                 140
139      Leu His His Ile Gly Met Gln Met Arg Ile Ala Met Phe Ser Leu Ile
140      145                 150                 155                 160
141      Tyr Lys Lys Thr Leu Lys Leu Ser Ser Arg Val Leu Asp Lys Ile Ser
142                      165                 170                 175
143      Ile Gly Gln Leu Val Ser Leu Leu Ser Asn Asn Leu Asn Lys Phe Asp
144                  180                 185                 190
145      Glu Gly Leu Ala Leu Ala His Phe Val Trp Ile Ala Pro Leu Gln Val
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150       225                 230                 235                 240
151       Gly Arg Met Met Met Lys Tyr Arg Asp Gln Arg Ala Gly Lys Ile Ser
152                       245                 250                 255
153       Glu Arg Leu Val Ile Thr Ser Glu Met Ile Glu Asn Ile Gln Ser Val
154                   260                 265                 270
155       Lys Ala Tyr Cys Trp Glu Glu Ala Met Glu Lys Met Ile Glu Asn Leu
156               275                 280                 285
157       Arg Gln Thr Glu Leu Lys Leu Thr Arg Lys Ala Ala Tyr Val Arg Tyr
158           290                 295                 300
159       Phe Asn Ser Ser Ala Phe Phe Phe Ser Gly Phe Phe Val Val Phe Leu
160       305                 310                 315                 320
161       Ser Val Leu Pro Tyr Ala Leu Ile Lys Gly Ile Ile Leu Arg Lys Ile
162                       325                 330                 335
163       Phe Thr Thr Ile Ser Phe Cys Ile Val Leu Arg Met Ala Val Thr Arg
164                   340                 345                 350
165       Gln Phe Pro Trp Ala Val Gln Thr Trp Tyr Asp Ser Leu Gly Ala Ile
166               355                 360                 365
167       Asn Lys Ile Gln Asp Phe Leu Gln Lys Gln Glu Tyr Lys Thr Leu Glu
168           370                 375                 380
169       Tyr Asn Leu Thr Thr Thr Glu Val Val Met Glu Asn Val Thr Ala Phe
170       385                 390                 395                 400
171       Trp Glu Glu Gly Phe Gly Glu Leu Phe Glu Lys Ala Lys Gln Asn Asn
172                       405                 410                 415
173       Asn Asn Arg Lys Thr Ser Asn Gly Asp Asp Ser Leu Phe Phe Ser Asn
174                   420                 425                 430
175       Phe Ser Leu Leu Gly Thr Pro Val Leu Lys Asp Ile Asn Phe Lys Ile
176               435                 440                 445
177       Glu Arg Gly Gln Leu Leu Ala Val Ala Gly Ser Thr Gly Ala Gly Lys
178           450                 455                 460
179       Thr Ser Leu Leu Met Met Ile Met Gly Glu Leu Glu Pro Ser Glu Gly
180       465                 470                 475                 480
181       Lys Ile Lys His Ser Gly Arg Ile Ser Phe Cys Ser Gln Phe Ser Trp
182                       485                 490                 495
183       Ile Met Pro Gly Thr Ile Lys Glu Asn Ile Ile Phe Gly Val Ser Tyr
184                   500                 505                 510
185       Asp Glu Tyr Arg Tyr Arg Ser Val Ile Lys Ala Cys Gln Leu Glu Glu
186               515                 520                 525
187       Asp Ile Ser Lys Phe Ala Glu Lys Asp Asn Ile Val Leu Gly Glu Gly
188           530                 535                 540
189       Gly Ile Thr Leu Ser Gly Gly Gln Arg Ala Arg Ile Ser Leu Ala Arg
190       545                 550                 555                 560
191       Ala Val Tyr Lys Asp Ala Asp Leu Tyr Leu Leu Asp Ser Pro Phe Gly
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193       Tyr Leu Asp Val Leu Thr Glu Lys Glu Ile Phe Glu Ser Cys Val Cys
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199  Tyr Phe Tyr Gly Thr Phe Ser Glu Leu Gln Asn Leu Gln Pro Asp Phe
200  625                 630                 635                 640
201  Ser Ser Lys Leu Met Gly Cys Asp Ser Phe Asp Gln Phe Ser Ala Glu
202                  645                 650                 655
203  Arg Arg Asn Ser Ile Leu Thr Glu Thr Leu His Arg Phe Ser Leu Glu
204              660                 665                 670
205  Gly Asp Ala Pro Val Ser Trp Thr Glu Thr Lys Lys Gln Ser Phe Lys
206          675                 680                 685
207  Gln Thr Gly Glu Phe Gly Glu Lys Arg Lys Asn Ser Ile Leu Asn Pro
208      690                 695                 700
209  Ile Asn Ser Ile Arg Lys Phe Ser Ile Val Gln Lys Thr Pro Leu Gln
210  705                 710                 715                 720
211  Met Asn Gly Ile Glu Glu Asp Ser Asp Glu Pro Leu Glu Arg Arg Leu
212                  725                 730                 735
213  Ser Leu Val Pro Asp Ser Glu Gln Gly Glu Ala Ile Leu Pro Arg Ile
214              740                 745                 750
215  Ser Val Ile Ser Thr Gly Pro Thr Leu Gln Ala Arg Arg Arg Gln Ser
216          755                 760                 765
217  Val Leu Asn Leu Met Thr His Ser Val Asn Gln Gly Gln Asn Ile His
218      770                 775                 780
219  Arg Lys Thr Thr Ala Ser Thr Arg Lys Val Ser Leu Ala Pro Gln Ala
220  785                 790                 795                 800
221  Asn Leu Thr Glu Leu Asp Ile Tyr Ser Arg Arg Leu Ser Gln Glu Thr
222                  805                 810                 815
223  Gly Leu Glu Ile Ser Glu Glu Ile Asn Glu Glu Asp Leu Lys Glu Cys
224              820                 825                 830
225  Leu Phe Asp Asp Met Glu Ser Ile Pro Ala Val Thr Thr Trp Asn Thr
226          835                 840                 845
227  Tyr Leu Arg Tyr Ile Thr Val His Lys Ser Leu Ile Phe Val Leu Ile
228      850                 855                 860
229  Trp Cys Leu Val Ile Phe Leu Ala Glu Val Ala Ala Ser Leu Val Val
230  865                 870                 875                 880
231  Leu Trp Leu Leu Gly Asn Thr Pro Leu Gln Asp Lys Gly Asn Ser Thr
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233  His Ser Arg Asn Asn Ser Tyr Ala Val Ile Ile Thr Ser Thr Ser Ser
234              900                 905                 910
235  Tyr Tyr Val Phe Tyr Ile Tyr Val Gly Val Ala Asp Thr Leu Leu Ala
236          915                 920                 925
237  Met Gly Phe Phe Arg Gly Leu Pro Leu Val His Thr Leu Ile Thr Val
238      930                 935                 940
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